

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Amended) A light-emitting diode comprising:

a light-emitting element;

a lead assembly for supplying electrical power to said light-emitting element;

a reflection mirror provided in an opposing relation to the light-emitting surface of said light-emitting element;

a light-transmissible material for sealing said light-emitting element, a part of the lead assembly and the reflection mirror; and

a radiation surface for radiating light reflected on said reflection mirror to the outside,

wherein said reflection mirror is a metal mirror which is obtained by processing a metal plate to give it a concave shape or which is obtained by mirror-surface-treating the concave surface of said metal mirror formed by said processing of said metal plate, and said radiation surface is formed on the light-transmissible material at its surface at the rear of the light-emitting element.

2. (Amended) A light-emitting diode as described in claim 1, wherein a hole is formed through said reflection mirror.

5. (Amended) A light-emitting diode comprising:

a light-emitting element;

a lead assembly for supplying electrical power to said light-emitting element;

a reflection mirror provided in an opposing relation to the light-emitting surface of

said light-emitting element; and

a radiation surface for radiating light reflected on said reflection mirror to the outside,

wherein said reflection mirror is a metal mirror which is obtained by combining a plurality of metal portions to give the assembly a concave shape or which is obtained by mirror-surface-treating the concave surface of said metal mirror.

A3
cont

8. (Amended) A light-emitting diode comprising:

a light-emitting element;

a lead assembly for supplying electrical power to said light-emitting element;

a reflection mirror provided in an opposing relation to the light-emitting surface of

said light-emitting element;

a light-transmissible material for sealing said light-emitting element, a part of the lead assembly and the reflection mirror; and

a radiation surface for radiating light reflected on said reflection mirror to the outside,

wherein said reflection mirror is a mirror which is obtained by processing ceramic to give it a concave shape, and said radiation surface is formed on the light-transmissible material at its surface at the rear of the light-emitting element.

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11. (Amended) A light-emitting diode as described in claim 9, wherein said metal mirror has


received a mirror-surface-treatment on its concave surface.

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Please add the following new claims:

23. (New) A method of fabricating a light-emitting diode (LED), said method comprising:
forming a metal plate into a concave shape to form a reflective element;
mounting a light emitting element relative said reflective element in a location that
emissions from said light emitting element are reflected; and
providing power connections to said light emitting element.

24. (New) The method of claim 23, further comprising:
treating a surface of said reflective element to improve a reflective characteristic.

 25. (New) The method of claim 23, further comprising:
forming a hole through said metal plate.

26. (New) The method of claim 23, wherein said metal plate comprises a plurality of plate
sections, said plurality of plate sections predetermined in shape such that said concave surface
is formed when said sections undergo a process.

27. (New) The method of claim 23, further comprising:
adding a fluorescent material which converts a light emitted from said light emitting
element to a light of a different frequency.

28. (New) The method of claim 27, wherein said light emitted from said light emitting

element comprises light with a frequency in an ultra-violet region, said method further comprising:

completing said LED assembly in a manner in which no resin is used.

29. (New) A light emitting diode (LED) comprising:

a light emitting element;

power connectors to provide power to said light emitting element; and

a reflector for reflecting a radiation from said light emitting element, said reflector

having a linear reflectance of 65% or higher.

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cont.
30. (New) A light emitting diode (LED) comprising:

a light emitting element;

power connectors to provide power to said light emitting element; and

a a fluorescent material which converts a light emitted from said light emitting

element to a light of a different frequency.
